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Statin Therapy for Patients with Diabetes

Adults 40–75 years of age with diabetes, who do or do not have clinical atherosclerotic cardiovascular disease (ASCVD), should be started on a statin for primary and secondary prevention of ASCVD regardless of lipid status.

Medications	
One of the following medications must have been dispensed. Note: The active ingredients are limited to oral formulations only.	
Drug Category	Medications
Statin medications	<ul style="list-style-type: none"> • Lovastatin • Fluvastatin • Pravastatin • Simvastatin • Rosuvastatin • Atorvastatin • Pitavastatin
Statin combination products	<ul style="list-style-type: none"> • Atorvastatin / amlodipine • Atorvastatin / ezetimibe • Lovastatin / niacin • Simvastatin / ezetimibe • Simvastatin / niacin • Simvastatin / sitagliptin
Standard exclusion(s)	Timeframe
<ul style="list-style-type: none"> • Patients in hospice • End-stage renal disease (ESRD) 	<ul style="list-style-type: none"> • Any time during the measurement year • Any time during the measurement year or the year prior to the measurement

- 1) For diabetics without ASCVD, use MODERATE INTENSITY statin for primary prevention¹.
- 2) For diabetics “with” ASCVD, use HIGH INTENSITY statin for secondary prevention².
- 3) Low Intensity statins are not recommended unless unable to tolerate moderate or high intensity.

High-, Moderate-, and Low-Intensity Statin Therapy		
High Intensity	Moderate Intensity	Low Intensity
Daily dose lowers LDL-C on average by $\approx \geq 50\%$	Daily dose lowers LDL-C on average by $\approx 30\%$ to $< 50\%$	Daily dose lowers LDL-C on average by $< 30\%$
Atorvastatin 40-80 mg Rosuvastatin 20-40 mg	Atorvastatin 10-20 mg Rosuvastatin 5-10 mg Simvastatin 20-40 mg Pravastatin 40-80 mg Lovastatin 40 mg Fluvastatin XL 80 mg Fluvastatin 40 mg bid Pitavastatin 2-4 mg	Simvastatin 10 mg Pravastatin 10-20 mg Lovastatin 20 mg Fluvastatin 20-40 mg Pitavastatin 1 mg

References:

1. Cochrane Database Syst Rev. 2013:CD004816
2. Diabetes Care 2006 Jun; 29(6): 1220-1226.

**** Promote Statin Use in Diabetics ****

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